

TATUM.

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May 12 1950.

Dear Josh:

Thanks for making this easy letter
just finished the last trip East this fall, so can now
catch up.

1- We had seen Lebedev's paper - thanks.
Completely unjustified criticism! What do you think
of Stone et al's latest on stim. of recomb.? Looks O.K.
but what's the common denominator?

2- Have discussed reprinting ^{with many} here. Should
be good demand for this. At least 8-10 here, and
at least this many in any lab. interested in
field. Plus libraries, etc. All in favor of project.

3- What's this I hear about a good Chicago
offer which you turned down for Wis. counteroffer?
Sounds fine!

Research: finishing 1) isoleucine, valine synthesis
which we found to involve the two diOH acids, and
final condensation of acetate to give side chain ethyl or
methyl. 2) Carcinogen mutation. $\pm 4x$ increase
with all - noncarcinogens looks weaker. 3) Guller
has answer to 8 epine & inositol. Two inhibitions:
irreversible one shown by all strains (and all mixtures)
and specifically reversible one shown only by dependent
orgs -

(continuing) 1) CAB thesis to be done this June?
2) inositol function in N. car. - present in banded form, H. car.?
3) Sterol and amino acid synthesis from C¹⁴ acetate by
acetateless N of 2492 4) Aromatic a.a. synthesis via
Shikimic: nothing too new, all your comps H.G.
5) pectic enzymes in N. looks very promising - need?
extracellular depolymerase considerably purged. (R.W.B.)